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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/596,927

06/29/2006

Masao Kimura

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52054 7590 10/30/2008

PEARNE & GORDON LLP
1801 EAST 9TH STREET
SUITE 1200
CLEVELAND, OH 44114-3108

EXAMINER

ZHOU, HONG

ART UNIT

PAPER NUMBER

2629

NOTIFICATION DATE

DELIVERY MODE

10/30/2008

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patdocket@pearne.com
dchervenak@pearne.com

Office Action Summary	Application No. 10/596,927	Applicant(s) KIMURA, MASAO	
	Examiner HONG ZHOU	Art Unit 2629	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 June 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 2 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 2 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 June 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>6/29/2006</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claim 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over Huppi et al (US 6776497, hereinafter Huppi) in view of Minaguchi et al (US 2003/0133261, hereinafter Minaguchi).

Regarding claim 1, Huppi discloses a task light (402, Fig. 4) comprising: plural illumination means (402) aligned in the horizontal direction on a display (126) that is rotatable with respect to a console (display 126 is rotatable and rotates with respect to keyboard 122 between a closed position covering the keyboard and an opened position exposing the keyboard). It is noted that Huppi fails to disclose a detection means for detecting a rotational position of the display with respect to the console; and a lighting means for selectively lighting at least one of the plural illumination means so as to illuminate approximately the entire console, based on the rotational position of the display detected by the detecting means.

However, Minguchi discloses a portable computer (Fig. 1) including a rotation detecting member (8, Fig. 2; [0026]) for detecting the rotation position (whether the display 3 is closed or opened) of a display (3, Fig. 1) with respect to a keyboard (1, Fig. 1). Minguchi further discloses a switch (10, Fig. 2) activated to turn off the power source of the display when the display is rotated to a closed position, and deactivated to turn on the power source of the display when the display is rotated to an opened position ([0027]).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the invention of Huppi to include the features of a rotation detecting member for detecting whether the display is opened or closed and a switch to control the power source of a display based on the detected rotational position of the display as taught by Minaguchi. In this way, the plural illumination means (402) of Huppi can be selectively lighted for illuminating the keyboard (124) when the power source of the display is on. The motivation for doing so would have been to save electricity by turning off the power source of the display when the display is rotated from an open position to a closed position ([0006]).

4. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Shore et al (US 6,089,724, hereinafter Shore) in view of Choi (US 2004/0133817).

Regarding claim 2, Shore discloses a task light (21, Fig. 1) comprising: rotatable illumination means (21, Fig. 1; 25, Fig. 4; col. 4, lines 34-36) provided approximately at the center in the horizontal direction on a display (23, Fig. 1) that is rotatable with respect to a console (e.g., task area in front of the monitor); and a rotating means (41, Fig. 4) for rotating the illumination means so as to illuminate approximately the entire console (col. 4, lines 34-46), based on the rotational position of the display with respect to the console (e.g., the visor member

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25 can be rotated to adjust light rays according to the rotational position of the display with respected to the task area). It is noted that Shore fails to disclose that the illumination means (21) is rotated based on the rotational position of the display (23) detected by the detection means. However, Choi discloses a portable computer including a rotation position sensor (50, Fig. 2) for detecting the rotation position of a display (20, Fig. 2). Choi further discloses a control unit (40, Fig. 2) controlling the screen input part (30, Fig. 2) to operate based on the rotation position of the display (20) detected by the rotation sensor (50) (see paragraph [0050]). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified the task light of Shore with the feature of a rotation position sensor as taught by Choi in order to automatically rotating the task light based on the detected rotational position of the display instead manually rotating the task light so that the light ray pattern can be adjusted to accommodate placement of task areas.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US 6,561,668, US 6, 145,992, US 5,379,201, and US 5,868,487 are cited to teach providing illumination means for illuminating a keyboard.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to HONG ZHOU whose telephone number is (571)270-5372. The examiner can normally be reached on Monday through Friday 8:30 A.M. - 5PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Amare Mengistu can be reached on (571)272-7674. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/H. Z./

Examiner, Art Unit 2629

/Amare Mengistu/

Supervisory Patent Examiner, Art Unit 2629